

<b>REPORT OF CHANNEL CONDITIONS</b> <b>100 TO 400 FEET WIDE</b> <i>(ER 1130-2-3165)</i>					<b>PAGE</b> 1 <b>OF</b> 1			
					<b>DATE:</b> September 20, 2006			
<b>TO:</b> The Record			<b>FROM:</b> U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090					
<b>RIVER/HARBOR NAME AND STATE:</b> Raritan River to Arthur Kill Cut-Off Channel, New Jersey					<b>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</b>			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
<b>Raritan River to Arthur Kill Cut-off Channel</b>	Map 51, Pg 1 & 2; 13 -24 Jul 2006	600	0.87	20	17.6	19.2	20.0	18.4

**REMARKS:**

- All depths are in reference to Mean Low Water (MLW)
- Channel shoaling
  - Shoaling exists along the left half of the channel commencing from the junction with Raritan River and continuing to a point approximately 700 feet south of RED NUN #2 EBB with minimum depth of 17.6 feet along the channel toe line
  - Shoaling, 500 ft long 150 ft wide, located in the right outside quarter channel beginning at the Raritan R. junction. Small spot shoaling exists along the right edge of this quarter 100 feet south from GREEN CAN #3.